

LiftPoint System



LiftPoint is a fully integrated solution for monitoring wastewater lift stations that includes hardware, firmware and web-based software in a single cohesive system. It monitors the floats, motor currents, phase and switch position, detecting issues before becoming critical. This allows the station to be serviced before it breaks, extending the pump life, preventing spills, avoiding expensive fines and improving energy usage.

The system is connected to the cloud using the latest cellular technology. This provides live monitoring of the station from a PC or smart device anytime, anywhere, unlike traditional SCADA systems or physical inspection.

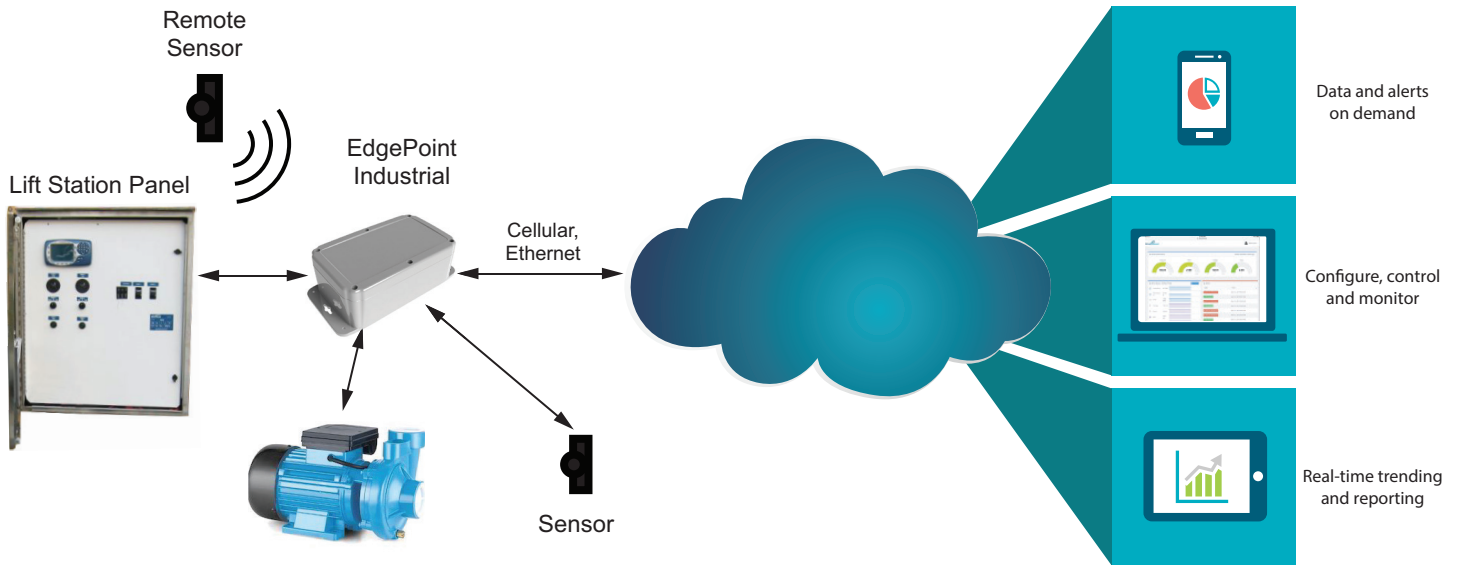
The LiftPoint can easily retrofit into existing stations. It monitors all typical duplex and triplex station configurations. LiftPoint ends the days of piecing together parts from multiple companies and trying to get it all to work. It offers proven system elements, simple installation, and live, actionable insight into the health and operation of the system, lowering costs and increasing efficiencies.

Benefits

- Single integrated system with all software, cellular connectivity, air time and web monitoring included
- Replaces traditional dialers while installing in a fraction of the time for a fraction of the cost
- Monitors floats, motor current and other sensors
- Wired and wireless connectivity (cellular, RS-485)
- Includes GPS for locating the station
- Customizable alarming can trigger voice calls, email and text notifications, eliminating the need for a "good Samaritan" and removing a burden from property managers
- Internet connectivity allows monitoring from anywhere at any time
- Customizable web interface and dashboards to quickly show critical information



501 Hobbs Street
Tampa, FL 33619
www.nexcommsys.com
(813) 302-7131



Specifications

Electrical

Operating Voltage: 85 to 264VAC, or 12 to 17VDC, reverse polarity protected

Communications:

RS-485

RS-232

Wi-Fi: 802.11 b/g/n

Cellular: LTE, CAT-1

GNSS location services

Inputs:

Sixteen 110VAC digital ON / OFF, two 12VDC digital ON / OFF

One 4 to 20mA analog, three 1V CT or 4 to 20mA analog (switch selected)

Outputs:

Three DPDT relays, ten 300mA current sinks

Environmental:

Operating temperature: -20°C to +70°C (-4°F to +158°F)

IP67

